

# ABSTRACT OF THE DISCLOSURE

The invention provides a computer-generated hologram which can be viewed in white at the desired viewing region and a reflective liquid crystal display using the same as a reflector. The computer-generated hologram H is designed to diffuse light having a given reference wavelength  $\lambda_{STD}$  and incident thereon at a given angle of incidence  $\theta$  in a specific angle range. In a range of wavelengths  $\lambda_{MIN}$  to  $\lambda_{MAX}$  including the reference wavelength  $\lambda_{STD}$  wherein zero-order transmission light or zero-order reflection light of incident light on the computer-generated hologram at a given angle of incidence is seen in white by additive color mixing, the maximum diffraction angle  $\beta_{2MIN}$  of incident light of the minimum wavelength  $\lambda_{MIN}$  in the wavelength range and incident at the angle of incidence  $\theta$  is larger than the minimum diffraction angle  $\beta_{1MAX}$  of incident light of the maximum wavelength  $\lambda_{MAX}$  in the wavelength range and incident at said angle of incidence  $\theta$ .